

Sheet 1 of 3

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<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	<b>U.S. DEPARTMENT OF COMMERCE</b> Patent and Trademark Office	<b>Attorney's Docket No.</b> 20735-05505	<b>Serial No.</b> 10/004,019
	<b>Applicant</b> Eng-Whatt Toh, et al.		
	<b>Filing Date</b> 10/18/01	<b>Group Art Unit</b> 2131	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA	A	4,625,076	11/25/86	Okamoto et al.	178	22.1	
FA	B	4,816,655	3/28/89	Musyck et al.	235	380	
FA	C	4,868,877	9/19/89	Fischer	380	25	
FA	D	5,005,200	4/2/91	Fischer	380	30	
FA	E	5,018,196	5/21/91	Takaragi et al.	380	30	
FA	F	5,138,653	8/11/92	Le Clercq	379	96	
FA	G	5,157,726	10/20/92	Merkle et al.	380	23	
FA	H	5,210,869	5/11/93	Williams	395	600	
FA	I	5,241,599	8/31/93	Bellovin et al.	380	21	
FA	J	5,261,002	11/9/93	Perlman et al.	380	30	
FA	K	5,283,887	2/1/94	Zachery	395	500	
FA	L	5,293,250	3/8/94	Okumura et al.	358	402	
FA	M	5,315,635	5/24/94	Kane et al.	379	57	
FA	N	5,388,158	2/7/95	Berson	380	21	
FA	O	5,396,537	3/7/95	Schwendeman	379	57	
FA	P	5,398,285	3/14/95	Borgelt et al.	380	30	
FA	Q	5,424,724	6/13/95	Williams et al.	340	825.05	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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Sheet 2 of 3

<b>FORM PTO-1449</b> (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 20735-05505		Serial No. 10/004,019	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				Applicant Eng-Whatt Toh, et al.		Filing Date 10/18/01	
				Group Art Unit 2131			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date Appropriate
FA	R	5,432,852	7/11/95	Leighton et al.	380	30	
FA	S	5,557,346	9/17/96	Lipner et al.	380	21	
FA	T	5,557,765	9/17/96	Lipner et al.	380	21	
FA	U	5,581,615	12/3/96	Stern	380	25	
FA	V	5,633,929	5/27/97	Kaliski, Jr.	380	23	
FA	W	5,689,565	11/18/97	Spies et al.	380	25	
FA	X	5,689,567	11/18/97	Miyauchi	380	25	
FA	Y	5,721,777	2/24/98	Blaze	380	4	
FA	Z	5,745,573	4/28/98	Lipner et al.	380	21	
FA	AA	5,751,813	5/12/98	Dorenbos	380	49	
FA	BB	5,751,814	5/12/98	Kafri	380	49	
FA	CC	5,799,086	8/25/98	Sudia	380	23	
FA	DD	5,832,218	11/3/98	Gibbs et al.	395	200.33	
FA	EE	5,841,865	11/24/98	Sudia	380	21	
FA	FF	5,845,074	12/1/98	Kobata	395	200.49	
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
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<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	<b>DEPARTMENT OF COMMERCE</b> Patent and Trademark Office	<b>Attorney's Docket No.</b> 20735-05505	<b>Serial No.</b> 10/004,019
	<b>Applicant</b> Eng-Whatt Toh, et al.		
	<b>Filing Date</b> 10/18/01	<b>Group Art Unit</b> 2131	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PD	GG	5,850,451	12/15/98	Sudia	380	49	RECEIVED JUN 19 2002 Technology Center 2100
PD	HH	5,850,519	12/15/98	Vazana	395	200.36	
PD	II	5,872,848	2/16/99	Romney et al.	380	25	
PD	JJ	5,898,156	4/27/99	Wilfong	235	380	
PD	KK	5,912,974	6/15/99	Holloway et al.	380	51	
PD	LL	5,915,024	6/22/99	Kitaori et al.	380	25	
PD	MM	5,948,103	9/7/99	Fukuzaki	713	200	
PD	NN	6,079,020	6/20/00	Liu	713	201	
PD	OO	6,081,610	6/27/00	Dwork et al.	382	119	
PD	PP	6,085,322	7/4/00	Romney et al.	713	176	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
PD	QQ	WO98/57464 /	17.12.98	PCT				
PD	RR	WO/9857465 ,	17.12.98	PCT				
PD	SS	WO99/00958 ,	07.01.99	PCT				
PD	TT	EP0840478A2 ,	06.05.98	Europe				
PD	UU	EP0915436A1 ,	12.05.99	Europe				
PD	VV	EP869652A2 ,	07.10.98	Europe				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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Sheet 1 of 2

<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05505	Serial No. 10/004,019
		Applicant Eng-Whatt Toh et al.	
		Filing Date October 18, 2001	Group Art Unit 2131

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA		6,226,748	05/01/01	Bots et al.	713	201	06/12/97
FA		6,173,399	01/09/01	Gilbrech	713	153	06/12/97
FA		6,119,137	09/12/00	Smith et al.	707	523	01/30/97
FA		6,092,200	07/18/00	Muniyappa et al.	713	201	08/01/97
FA		6,092,113	07/18/00	Maeshima et al.	709	230	08/28/97
FA		6,079,020	06/20/00	Liu	713	201	01/27/98
FA		6,061,448	05/09/00	Smith et al.	380	21	04/01/97
FA		6,055,575	04/25/00	Paulsen et al.	709	229	01/26/98
FA	A	6,038,541	03/14/00	Tokuda et al.	705	8	03/02/99
FA		6,009,173	12/28/99	Sumner	380	21	01/31/97
FA		5,956,406	09/21/99	Maldy	380	30	03/20/97
FA	B	5,878,398	03/22/99	Tokuda et al.	705	8	03/20/96
FA		5,864,667	01/26/99	Barkan	395	187.01	08/22/97

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
FA		WO 98/57465	12/17/98	PCT	H04L	12/46 29/06	N/A	
FA		WO 98/57464	12/17/98	PCT	H04L	12/46 29/06	N/A	
FA	C	EP915436A1	05/12/99	EPO	G07D	9/00	N/A	

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FA		Ellison, C. et al. Ten Risks of PKI: What You're not Being Told about Public Key Infrastructure. Computer Security Journal, Vol. XVI, No. 1 (2000), pages 1-7.
FA		Introduction to SSL [online]. Netscape Communications Corporation (Last updated 10/09/98) [retrieved on 10/24/2000]. Retrieved from the Internet <URL: <a href="http://developer.netscape.com/docs/manuals/security/sslin/contents.htm">http://developer.netscape.com/docs/manuals/security/sslin/contents.htm</a> . Pages 1-11.
FA		Introduction to Public-Key Cryptography [online]. Netscape Communications Corporation [retrieved on 10/24/2000]. Retrieved from the Internet <URL: <a href="http://developer.netscape.com/docs/manuals/security/pkin/contents.htm">http://developer.netscape.com/docs/manuals/security/pkin/contents.htm</a> . Pages 1-19.

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PTO-1449

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<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05505	Serial No. 10/004,019
		Applicant Eng-Whatt Toh et al.	
		Filing Date October 18, 2001	Group Art Unit 2131

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA	D	5,848,248	12/08/98	Kawasaki et al.	395	200.68	11/25/97
FA	E	5,825,865	10/20/98	Oberlander et al.	379	211	10/04/91
FA		5,812,669	09/22/98	Jenkins et al.	380	25	07/19/95
FA		5,802,286	09/01/98	Dere et al.	395	200.5	05/22/95
FA		5,790,790	08/04/98	Smith et al.	395	200.36	10/24/96
FA		5,768,271	06/16/98	Seid et al.	370	389	04/12/96
FA	F	5,767,847	06/16/98	Mori et al.	345	329	09/21/95
FA		5,764,918	06/09/98	Poulter	395	200.66	01/23/95
FA	G	5,734,651	03/31/98	Blakely et al.	370	392	05/29/96
FA	H	5,706,452	01/06/98	Ivanov	395	331	12/06/95
FA		5,671,285	09/23/97	Newman	380	30	12/13/95
FA		5,638,446	06/10/97	Rubin	380	25	08/28/95
FA	I	5,623,653	04/22/97	Matsuno et al.	395	609	07/25/94
FA		5,544,152	08/06/96	Obermanns et al.	370	16	09/28/95
FA		5,436,972	07/25/95	Fischer	380	25	10/04/93
FA		5,432,785	07/11/95	Ahmed et al.	370	60.1	02/07/94
FA		4,754,428	06/28/88	Schultz et al.	364	900	04/15/85
FA		4,713,780	12/15/87	Schultz et al.	364	514	04/15/85

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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Serial No. 10/004,019

## Applicant

Eng-Whatt Toh, et al.

(Use several sheets if necessary)

**Filing Date**  
**October 18, 2001**

**Group Art Unit** **2131**

## U.S. PATENT DOCUMENTS

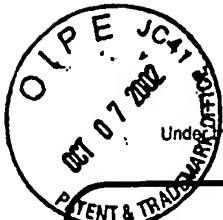
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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/004,019
				Filing Date	October 18, 2001
				First Named Inventor	Eng-Whatt Toh
				Art Unit	2132
				Examiner Name	Gilberto Barron Jr.
Sheet	1	of	1	Attorney Docket Number	20735-05505

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JA		US-6,064,878 A	05-16-2000	Denker et al.
JA		US-6,035,104 A	03-07-2000	Zahariev
JA		US-5,812,671 A	09-22-1998	Ross, Jr.
JA		US-5,642,420 A	06-24-1997	Kuroda et al.
		US-		
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
JA		WO 98 58332 A1	12-23-1998	Telefonaktiebolaget LM Ericsson	
JA		WO 97 41661 A2/A3	11-06-1997	Motorola Inc.	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
JA		Herfert, M., "Security-Enhanced Mailing Lists" <u>IEEE Network</u> , IEEE Inc., New York, US, Vol. 11, No. 3, May 1, 1997, pages 30-33.	

Examiner Signature		Date Considered	02/24/2005
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